

1 **ABSTRACT**

2 A computationally efficient and robust pitch detection and tracking system
3 and related methods are presented. According to certain exemplary
4 implementations a method is presented comprising identifying an initial set of
5 pitch period candidates using a first estimation algorithm, filtering the initial set of
6 candidates and passing the filtered candidates through a second, more accurate
7 pitch estimation algorithm to generate a final set of pitch period candidates from
8 which the most likely pitch value is selected.

11 094321-042401
12
13
14
15
16
17
18
19
20
21
22
23
24
25